

CORRESP. CONTROL  
OUTGOING LTR NO.

DOE ORDER #

93 RF 12677



EG&amp;G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

DIST.	LTR	ENC
AMARAL, M.E.		
BENEDETTI, R.L.	X	
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L. K.		
HEALY, T.J.		
HEDDAHL, T.		
HILBIG, J.G.		
KIRBY, W.A.		
KUESTER, A.W.		
MANN, H.P.	X	
MARX, G.E.	X	
MCDONALD, M.M.		
MCKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RILEY, J.H.	X	
RISING, T.L.		
SANDLIN, N.B.		
SETLOCK, G.H.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	X	
WILLIAMS, S. (ORC)		
WILSON, J. M.		
WYANT, R.B.		
Peterman BDX		
Bushy WS X		
O'Rourke TP X		
Gillman H X		
D'Amico KK X		
McHugh AF X		
Anderson GA X		
Berman SG X		
Hayes CH X		
IA EE File X		
Record Ctr (2) X		
CORRESP CONTROL	X	X
ADMIN RECORD		
PATS/T130G		
TRAFFIC		

October 13, 1993

93-RF-12677

Richard J. Schassburger  
Acting Director  
Environmental Restoration Division  
DOE, RFO

Attn: B. K. Thatcher

# RECOMMENDED FIELD APPROACH CHANGES FOR THE INDUSTRIAL AREA ENVIRONMENTAL EVALUATION - WSB-424-93

EG&G Rocky Flats, Inc. (EG&G Rocky Flats) Remediation Project Management (RPM) is recommending a format change for the Environmental Evaluation Technical Memorandum - Addendum to Final Phase I RCRA [Resource Conservation and Recovery Act] Facilities Investigation/Remedial Investigation (RFI/RI) Work Plan for Operable Unit (OU) 9 dated June 1992. The Technical Memorandum for OU 9 is also known as the Industrial Area (IA) Environmental Evaluation (EE) which is being implemented through Operable Unit 8 - 700 Area. The IA EE format changes (see attached outline) are in accordance with guidelines proposed by the Environmental Protection Agency (EPA) in their Framework for Ecological Risk Assessment (EPA 1992).

The EPA guidance provides for a three-phased approach for conducting ecological risk assessment consisting of 1) Problem Formulation, 2) Analysis, and 3) Risk Characterization. This three-phased approach has been developed in conjunction with EG&G Rocky Flats, the Department of Energy, Rocky Flats Office (DOE, RFO), and the regulatory agencies since April 1993. Also, the three-phased approach is currently being applied to EEs for other OUs (e.g. 3, 7, and 11). EG&G Rocky Flats Ecology and NEPA [National Environmental Policy Act] Division (END) has advised RPM that the three-phased approach is the most current and approved approach for implementing EEs at Rocky Flats.

The IA EE is being implemented to comply with the technical scope of the OU 9 EE Technical Memorandum (TM). The three-phased approach will still fulfill all of the objectives and data collection criteria as specified in the OU 9's EE TM. The phased approach helps to present the EE in a more logical and efficient format. Following each phase described in the outline, presentations will be given to DOE, RFO and the regulatory agencies, and an informal review process will be established.

CLASSIFICATION:	
UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	
AUTHORIZED CLASSIFIER	
SIGNATURE	
DOCUMENT CLASSIFICATION	
REVIEW WAFER PER	
CLASSIFICATION OFFICE	
DATE	

IN REPLY TO RFP CC NO:

N/A

ACTION ITEM STATUS

☐ PARTIAL OPEN☒ CLOSED

LTR APPROVALS:

ORIG &amp; TYPIST INITIALS

BDP/dmf

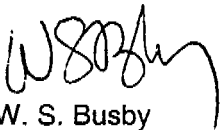
ADMIN RECORD

A-DUC9-000299

Richard J. Schassburger  
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The process leading to the three-phased EE is well documented through OU 3. However, RPM is requesting that DOE, RFO obtain written documentation/approval from EPA and the Colorado Department of Health (CDH) that this three-phased approach can be used for the IA EE.

If you have any questions or require additional information regarding this matter, please contact B. D. Peterman of Remediation Project Management at extension 8659.

  
W. S. Busby  
Acting Director  
ERM/Remediation Project Management  
EG&G Rocky Flats, Inc.

BDP:dmf

Orig. and 1 cc - R. J. Schassburger

cc:  
R. H. Birk - DOE, RFO  
S. R. Grace - "

CONDENSED OUTLINE FOR  
ENVIRONMENTAL EVALUATIONS

PHASE I

- I. EXECUTIVE SUMMARY
- II. INTRODUCTION
  - A. Components of an Ecological Risk Assessment
  - B. Purpose
  - C. Focus
  - D. Objectives
  - E. Scope of Investigations
- III. SITE DESCRIPTION
  - A. Terrestrial Components
  - B. Aquatic Components
- IV. PROBLEM FORMULATION
  - A. Toxicity Assessment
  - B. Contaminants of Concern
  - C. Exposure Model
  - D. Endpoint Selection
  - E. Study Design

PHASE II

- V. ANALYSIS AND PRELIMINARY RESULTS
  - A. Measurement Endpoint Results
  - B. Selection of COCs
  - C. Exposure Analysis
  - D. Relevant Effects
  - E. Effects Assessment

PHASE III

- VI. RISK CHARACTERIZATION
  - A. Terrestrial Communities
  - B. Aquatic Communities
- VII. UNCERTAINTY ANALYSIS
  - A. Problem Formulation
  - B. Analysis
  - C. Risk Characterization
- VIII. SUMMARY AND CONCLUSIONS
- IX. REFERENCES